



**Connecticut Department of  
Energy & Environmental Protection**  
Bureau of Energy and Technology Policy

## COMBINED HEAT AND POWER (CHP) CAPITAL GRANT APPLICATION

DEEP USE ONLY

App #: \_\_\_\_\_

Date  
Received: \_\_\_\_\_

In order to qualify for this capital grant of \$200 per kilowatt (kW), the CHP Project must:

- (1) have name plate capacity of one MW or less;
- (2) be located in the service territories of the electric distribution companies (EDCs), CL&P and UI;
- (3) reduce energy costs at an amount equal to or greater than the amount of the installation cost of the CHP system within ten years of its installation; and
- (4) have an operating efficiency of at least 50%, with 20% of output as electricity and 20% of output as thermal energy

Projects approved in accordance with this program shall not apply for or obtain Zero Emission Renewable Energy Credits (ZRECs), Low Emissions Renewable Energy Credits (LRECs) or participate in the Clean Energy Finance and Investment Authority CHP Pilot Program under Section 103 of Public Act 11-80 at any time. Moreover, a qualifying project must be completed within 2 years after grant approval or the capital grant may be reduced or rescinded.

If you do meet the above qualifications, please complete this form in its entirety in accordance with the instructions (DEEP-ETP-INST-001) and submit to:

Attn: Deb Morrell  
Bureau of Energy and Technology Policy  
Department of Energy and Environmental Protection  
10 Franklin Square  
New Britain, CT 06051.

Please also file electronically at: [www.ct.gov/deep/cwp/view.asp?a=4405&q=493990&deepNav\\_GID=2121](http://www.ct.gov/deep/cwp/view.asp?a=4405&q=493990&deepNav_GID=2121) using the link entitled "Submit an Energy Web Filing".

### A. APPLICANT'S INFORMATION

<b>(A-1)</b>	<b>APPLICANT</b> (The Applicant must be the owner of the CHP and the retail end use customer-of-account of the electric distribution company serving the location of the CHP system to receive the grant.)
Name:	
Address:	
Contact Person:	
Telephone:	
E-mail Address:	

A. APPLICANT'S INFORMATION	
(A-2)	AGENT OF THE APPLICANT (if applicable)
Name:	
Address:	
Contact Person:	
Telephone:	
E-mail Address:	

B. INCENTIVES	
(B-1)	Do you want to apply for a \$200/kW monetary grant for CHP generators?
Select Yes or No	
<p>If approved, the grant is available for \$200/kW, provided the project is completed and begins operation within two (2) years. If it does not begin operation within this timeframe, the grant maybe reduced or may be rescinded. The grant is determined based on the nameplate capacity. The nameplate capacity must be one MW or less to qualify.</p>	
Nameplate capacity:	<div> <div></div> <div>kW</div> </div> <div> <div>Grant total:</div> <div>\$</div> <div>(i.e. multiply name plate capacity by \$200)</div> </div>
(B-2)	Do you want to apply for long-term financing?
Select Yes or No	
How much would you like to borrow?	\$
For how long would you like the loan? (10-year maximum)	years
Provide a detailed list of the estimated capital and development costs:	
(B-3)	Do you plan to apply for Class I or III renewable energy credits?
Select Yes or No	

C. PROPOSED CHP SYSTEM	
(C-1)	Describe type of technology used including manufacturer and model of the generating technology.
(C-2)	Indicate if the project is a new CHP system or an addition to an existing system. (Check one.)
<input type="checkbox"/>	New CHP system
<input type="checkbox"/>	<div> <div>Addition to an existing system</div> <div>Incremental capacity increase:</div> <div>kW</div> </div>
Address where CHP System/Incremental capacity increase will be located:	
Estimated annual kWh production:	

**C. PROPOSED CHP SYSTEM (continued)**

Estimated annual capacity factor:			
Peak load of facility in the last 12 months:	kW		
Fuel source:			
Explain how waste heat will be utilized:			
Does the facility plan to sell power back to the electric distribution company?	Select Yes or No.		
Estimated on-site use of power:	kW	kWh	
Estimated sales to electric distribution company:	kW	kWh	
Estimated sales to third party:	kW	kWh	
(C-3)	Will the CHP project be connected to a microgrid?	Select Yes or No.	

**D. OTHER AWARDS/FUNDING**

(D-1)	Projects approved for grants under this program shall not apply for or obtain ZRECs and/or LRECs at any time. Projects approved for grants under this program shall not participate in the Clean Energy Finance and Investment Authority's CHP pilot program under Section 103 of Public Act 11-80. Has the Applicant applied for, or is eligible for, any other public funding (e.g., federal, state)?	Select Yes or No.
(D-2)	If yes, provide the following information:	
Public funding name:		
Amount of the award or potential award:	\$	

**E. FINANCIAL INFORMATION**

Estimated installation costs of the project:	\$	
Estimated annual savings to the customer:	\$	
Projected Payback period:	years	

## F. TECHNICAL CAPABILITY

**SYSTEM INFORMATION:** Provide a one-line schematic diagram of the system. Include a Site Plan that shows major equipment, electric service entrance, electric meter, location of the CHP System and interface equipment, adjoining street name, and street address of the CHP System.

Estimated construction start date:

Target in-service date:

Indicate the type of interconnection that will be required for this project. (Check one.)

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**Closed Transition** – A transfer switch that operates in a make-before-break mode resulting in momentary paralleling from the generator onto the utility distribution system. Regardless of the duration of transfer, those generators must file an Interconnection Application with the electric distribution company.

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**Open Transition** – The generating facility utilizes break-before-make transfer switch which physically breaks contact with one source of power (i.e., the utility line) before it makes contact with another source of power (i.e., the generator). This configuration prevents the generator from paralleling to the distribution system.

Engineer name:

Electrical contractor name:

NOTE: All generators that plan to operate in Closed Transition and in Parallel with the electric distribution company must file an Interconnection Application and obtain approval from the electric distribution company.

The Bureau operates with the strong presumption that all documents filed with it are public records subject to the right of public inspection and copying in accordance with the [Connecticut Freedom of Information Act](#), Conn. Gen. Stat. §1-200 et. seq. In those exceptional circumstances where an Applicant believes that information it intends to file is confidential under law, it may file a Motion for a Protective Order requesting an exemption from public disclosure. The Motion must provide specific legal arguments with reference to state or federal law describing with supporting facts why the information should be kept confidential. A certified affidavit supplied by a competent witness in support of the Motion, a proposed protective order and nondisclosure agreement must be appended to the Motion. The confidential material itself must be submitted in hard copy only to the Bureau for *in camera* review by the Bureau. Each page of the confidential information shall be stamped "CONFIDENTIAL," and the material shall be placed in a sealed envelope marked "CONFIDENTIAL – NOT FOR PUBLIC DISCLOSURE." Do not send any proposed confidential information electronically to the Bureau. The Bureau will rule on the Motion forthwith, and it will give further direction as necessary. For answers to any questions regarding making a confidential filing, contact Gail Lucchina at (860) 827-2672.

## G. AFFIDAVIT #1: "VERACITY OF STATEMENTS"

That \_\_\_\_\_, Affiant, being duly sworn/affirmed according to law, deposes and says that:

He/she is the \_\_\_\_\_ (Office of Affiant) of \_\_\_\_\_ (Name of Applicant);

That he/she is authorized to and does make this affidavit for said Applicant;

**That \_\_\_\_\_, the Applicant herein, certifies under penalty of false statement that all statements made in the application for licensure are true and complete and that it will also amend its application while the application is pending if any substantial changes occur regarding the information provided in the application within ten days of any such change.**

**That \_\_\_\_\_, the Applicant herein, is the owner of the CHP system, the end-use customer of the electric distribution company, and will operate as proposed in the application for a minimum period of 10 (ten) years at the location specified in the Application.**

**That \_\_\_\_\_, the Applicant herein, shall operate the CHP system in such a manner as to achieve an operating efficiency of at least 50%, and contribute at least 20% of its energy output to electricity and 20% of its energy output to thermal energy.**

**That \_\_\_\_\_, the Applicant herein shall operate the CHP system in such a manner that reduces energy costs at an amount equal to or greater than the amount of the installation cost of the system within 10 years installation.**

That the facts above set forth are true and correct to the best of his/her knowledge, information, and belief and that he/she expects said Applicant to be able to prove the same at any hearing hereof.

Signature of Affiant

Date

Name of Affiant (print or type)

Title (relationship to Applicant)

STATE OF \_\_\_\_\_ }

} ss.

COUNTY OF \_\_\_\_\_ }

(Town)

The foregoing was subscribed to and sworn to before me this

\_\_\_\_\_ day of

(day)

(month)

, \_\_\_\_\_ (year)

by

.

(Signature of Notary Public or other official)

(Name of Notary Public or other official)

My commission expires \_\_\_\_\_.